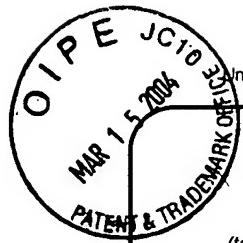


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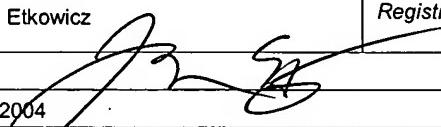
Total Number of Pages in This Submission 39

Application Number	10/727,929
Filing Date	December 3, 2003
First Named Inventor	Wen-Bin Yan
Art Unit	2877
Examiner Name	
Attorney Docket No.	TGR-105US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard 6 References
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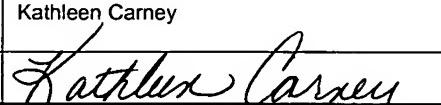
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual	Jacques L. Etkowicz	Registration No. (Attorney/Agent)	41,738
Signature			
Date	March 12, 2004		

CERTIFICATE OF TRANSMISSION / MAILING

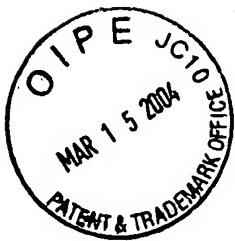
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Signature		Date	March 12, 2004

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/727,929
Applicant: Wen-Bin Yan
Filed: December 03, 2003
Title: DEVICE AND METHOD OF TRACE GAS ANALYSIS USING
CAVITY RING-DOWN SPECTROSCOPY
TC/A.U.: 2877
Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed non-patent references is also enclosed.

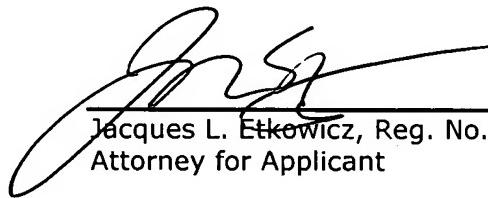
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37C.F.R. § 1.97(b).

Respectfully submitted,

RatnerPrestia



Jacques L. Etkowicz, Reg. No. 41,738
Attorney for Applicant

JLE/kc

Enclosures: PTO Form 1449
(6) References
Transmittal

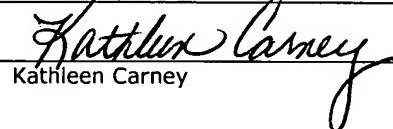
Dated: March 12, 2004

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(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication..

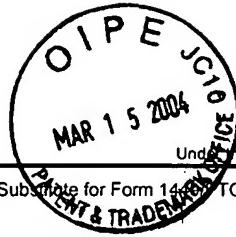
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 1 of 2

Complete if Known

Application Number	10/727,929
Filing Date	December 03, 2003
First Named Inventor	Wen-Bin Yan
Art Unit	2877
Examiner Name	.
Attorney Docket No.	TGR-105US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature : _____ Date Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional):

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

***For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.**

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STATEMENT BY APPLICANT**

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SHEET 2 of 2

Application Number

10/727,929

Filing Date

December 3, 2003

First Named Inventor

Wen-Bin Yan

Art Unit

2877

Examiner Name

Attorney Docket No. TGR-105US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		RICHARD ENGELN and GIEL BERDEN, "Cavity Ring Down Absorption Spectroscopy", May 22, 2001, pages 1-9	<input type="checkbox"/>
		RICHARD ENGELN and GERARD MEIJER, "A Fourier Transform Cavity Ring Down Spectrometer", Rev. Sci. Instrum. 67,2708 (1996), Dept. of Molecular and Laser Physics, University of Nijmegen, pages 1-7	<input type="checkbox"/>
		A.J. HALLOCK, E.S.F. BERMAN, and R.N. ZARE, "Use of Broadband, Continuous-Wave Diode Lasers in Cavity Ring-Down Spectroscopy for Liquid Samples", January 10, 2003, Applied Spectroscopy, Vol. 57, No. 5. 2003, pages 571-573	<input type="checkbox"/>
		ALEXANDER J. HALLOCK, ELENA S.F. BERMAN, AND RICHARD N. ZARE, "Ultratrace Kinetic Measurements of the Reduction of Methylene Blue", August 13, 2002, J. AM. CHEM. SOC. Vol. 125, No. 5. 2003, pages 1158-1159	<input type="checkbox"/>
		K. J. SCHULZ and W. R. SIMPSON, "Frequency-Matched Cavity Ring-Down Spectroscopy", Chem. Phys. Lett. October 14, 1998, Geophysical Institute and Chemistry Department, University of Alaska Fairbanks, pages 1-9, Figure 1	<input type="checkbox"/>
		"Use of Broadband Light Source for CRDS", Office of Technology Licensing, Stamford University, Stamford Reference S02-221, 3 pages	<input type="checkbox"/>
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